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ENTERED

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/077,383

DATE: 07/23/2002

TIME: 13:06:17

Input Set : A:\-17-1.app

Output Set: N:\CRF3\07232002\J077383.raw

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3 <110> APPLICANT: Haydock, Paul V.
         U'Ren, Jack
 4
         Saigene Corporation
 7 <120> TITLE OF INVENTION: Nucleic Acid Amplification Using an RNA Polymerase and
         DNA/RNA Mixed Polymer Intermediate Products
10 <130> FILE REFERENCE: 018048-001710US
12 <140> CURRENT APPLICATION NUMBER: US 10/077,383
13 <141> CURRENT FILING DATE: 2002-02-15
15 <150> PRIOR APPLICATION NUMBER: US 60/296,812
16 <151> PRIOR FILING DATE: 2001-06-07
18 <160> NUMBER OF SEQ ID NOS: 33
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64 <210> SEQ ID NO: 4
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                      Output Set: N:\CRF3\07232002\J077383.raw
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     167 <223> OTHER INFORMATION: n = a, g, c or t, where positions 1, 3, 5, 7, 9, 11,
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               13, 15, 17 and 19 = X and positions 2, 4, 6, 8, 10,
     169
               12, 14, 16, 18 and 20 = Y, in the formula (XY)-n, and
     170
               where X and Y are independently selected from a, g, c
W--> 171
               or t, and X and Y are not the same
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W--> 174 nnnnnnnnn nnnnnnnnn
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Output Set: N:\CRF3\07232002\J077383.raw 201 <210> SEQ ID NO: 12 202 <211> LENGTH: 8 203 <212> TYPE: DNA 204 <213> ORGANISM: Artificial Sequence 206 <220> FEATURE: 207 <223> OTHER INFORMATION: Description of Artificial Sequence:spacer sequence 209 <400> SEQUENCE: 12 210 gcgcccgc 213 <210> SEQ ID NO: 13 214 <211> LENGTH: 8 215 <212> TYPE: DNA 216 <213> ORGANISM: Artificial Sequence 218 <220> FEATURE: 219 <223> OTHER INFORMATION: Description of Artificial Sequence:spacer sequence 221 <400> SEQUENCE: 13 222 atttaatt 8 225 <210> SEQ ID NO: 14 226 <211> LENGTH: 9 227 <212> TYPE: DNA 228 <213> ORGANISM: Artificial Sequence 230 <220> FEATURE: 231 <223> OTHER INFORMATION: Description of Artificial Sequence:spacer sequence 233 <400> SEQUENCE: 14 234 caaacccaa 9 237 <210> SEQ ID NO: 15 238 <211> LENGTH: 11 239 <212> TYPE: PRT 240 <213> ORGANISM: Artificial Sequence 242 <220> FEATURE: 243 <223> OTHER INFORMATION: Description of Artificial Sequence: RNA polymerase (RNAP) active site consensus sequence 246 <220> FEATURE: 247 <221> NAME/KEY: MOD_RES 248 <222> LOCATION: (2)..(8) 249 <223> OTHER INFORMATION: Xaa = any amino acid 251 <400> SEQUENCE: 15 W--> 252 Lys Xaa Xaa Xaa Xaa Xaa Xaa Xaa Tyr Gly Ser 253 1 5 10 256 <210> SEQ ID NO: 16 257 <211> LENGTH: 60 258 <212> TYPE: DNA 259 <213> ORGANISM: Artificial Sequence 261 <220> FEATURE: 262 <223> OTHER INFORMATION: Description of Artificial Sequence: AMP010 Amplification Primer 265 <400> SEQUENCE: 16 266 aatttaatac gactcactat agggagagag agagagagac tcctaaagtc actcctaacg 60 269 <210> SEQ ID NO: 17 270 <211> LENGTH: 61

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Input Set : A:\-17-1.app

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Input Set : A:\-17-1.app

Output Set: N:\CRF3\07232002\J077383.raw

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RAW SEQUENCE LISTING ERROR SUMMARY

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:9; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20

Seq#:15; Xaa Pos. 2,3,4,5,6,7,8

Seq#:30; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20

Seq#:33; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18

VERIFICATION SUMMARY

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Input Set : A:\-17-1.app

Output Set: N:\CRF3\07232002\J077383.raw

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